INDEX OF SUBJECTS

Aerial photography and remote sensing for soil survey, by L. P. White, reviewed by E. W. Russell, 400

Alar, effects of on growth, flowering and yield of okra (Godfrey-Sam-Aggrey and Ndoleh), 121

Beans (*Phaseolus vulgaris*), Rhizobium inoculation using the fluid drill technique (Hardaker and Hardwick), 17

Beta-hydroxyethylhydrazine, influence of on pineapple cv Mauritius grown in Malaysian peat (Chew and Abdul Malek), 157

Brassica campestris cv Brown Sarson, genetic diversity and breeding potential from disruptive selection in (Arunachalam and Katiyar), 73

C_3 and C_4 crops, reassessment of maximum growth rates for (Monteith), 1

Cassava, screening for low cyanide using an enzymatic assay (Cooke, Howland and Hahn), 367

Cassava (*Manihot esculenta*), in Malaysian tropical oligotrophic peat, influence of soil-applied micronutrients on (Chew, Joseph and Ramli), 105

Cassava (sole-crop) in Sierra Leone, effects of plant population on (Godfrey-Sam-Aggrey), 239

Cassava (sole-crop) in Sierra Leone, effects of delayed hand weeding on (Godfrey-Sam-Aggrey), 245

Citrillus lanatus, *see* Melon

Climate, water and agriculture in the tropics, by J. J. Jackson, reviewed by J. Elston, 290

Corn, planted in different patterns, effects of soil moisture and organic mulches on (Anand Reddy, Bhasker Reddy, Balaswamy and Venkatachari), 389

Cotton leaves (field-grown), effects of environment on nitrate reductase assays in (Bate, Meakin and Oosterhuis), 317

Cotton stalks, pull and lift required to remove (Demian), 129

Cotton weeds in the Sudan Gezira, effects of some herbicides on (Hamdoun and Babiker), 137

Cowpea, inheritance of yields under different soil conditions in Papua New Guinea (Erskine and Khan), 23

Cowpea (*Vigna unguiculata*), effects of sowing date on forage and seed production of 14 varieties of (Akinola and Davies), 197

Cropping sequence, soil water retention and yields of sub-humid rainfed crops (Verma, Prihar, Singh and Singh), 253

Cucumbers on peat in Brunei, fertilizer responses of (Williams), 299

Cyanide, screening cassava for, using an enzymatic assay (Cooke, Howland and Hahn), 367

Dioscorea, *see* Yams

Dioscorea rotundata, effects of periodic removal of mother tubers on yield of (Nwoke and Okonkwo), 145

Diseases, and losses in rice in Bangladesh (Catling, Alam and Miah), 277

Dry beans (*Phaseolus vulgaris*) in the tropics, effects of growth habits and competition on yields of (Kueneman, Hernandez-Bravo and Wallace), 97

Durometer, use of to assess onion bulb hardness (Fennell), 269

Écotoxicologie, by F. Romade, reviewed by C. P. Whittingham, 289

Effects of N, P and K on yield of onion in the Sudan Gezira (Hassan and Ayoub), 29

Eggplant fruits (*Solanum melongena* L.), effects of air and soil temperatures on colour of (Nothmann, Rylski and Spigelman), 189

Environmental effects on crop physiology, ed. by J. J. Landsberg and C. V. Cutting, reviewed by R. B. Austin, 401

Evapotranspiration measured by a neutron probe on Sudan Gezira vertisols (Fadl), 341

Farming systems of the tropics, by Hans Ruthenberg, reviewed by C. C. Webster, 96

Fertilizer responses of cucumbers on peat in Brunei (Williams), 299

Fertilizers, effects of on the composition and emergence of sunflower seeds (Srivastava), 213

Field experimentation with fruit trees and other perennial plants, by S. C. Pearce, reviewed by C. R. Baines, 95

Fluid drill technique, *see* 'Rhizobium inoculation . . .' (Hardaker and Hardwick), 17

Food crops of the lowland tropics, ed. by C. L. A. Leakey and J. B. Wills, reviewed by J. W. Purseglove, 179
Forage and seed production of 14 varieties of cowpea (*Vigna unguiculata*), effects of sowing date on (Akinola and Davies), 197

Genetic diversity and breeding potential from disruptive selection in *Brassica campestris* cv Brown Sarson (Arunachalam and Katiyar), 73
Genotype, environment and rainfall effects on common vetch varieties in a semi-arid region (Hadjichristodoulou), 81
Genotype × environment interactions in sorghum variety tests in the Sudan Central Rainlands (Kambal and Mahmoud), 41
Glasshouse, temperature-controlled, for field experimentation in the tropics, a (Squire), 7
Grain maize in south-east England, planting density for (Milbourn, Tiley and Carr), 261
Groundnuts in Sudan Gezira, effect of sowing date on (Nur and Gasim), 13

Hand weeding, delayed, effects of on sole-crop cassava in Sierra Leone (Godfrey-Sam-Aggrey), 245
Handling missing observations in the two-way analysis of variance with interaction (Abou-El-Fittouh and Taha), 381
Hasawi alfalfa, study of under three irrigation and three cutting regimes in Saudi Arabia (Al-Noaim, Davies and Farnworth), 57
Helianthus annuus, *see* Sunflower
Herbicides, effects of on cotton weeds in the Sudan Gezira (Hamdoun and Babiker), 137
Hevea brasiliensis clonal seedlings, water vapour and carbon dioxide diffusion resistances of (Samsuddin and Impens), 173
Hevea brasiliensis clonal seedlings (four), comparative net photosynthesis (Samsuddin and Impens), 337

Incompatibility in angiosperms, by D. de Nettancourt, reviewed by N. W. Simmonds, 290
Inheritance of cowpea yields under different soil conditions in Papua New Guinea (Erskine and Khan), 23
Insects, and losses in rice in Bangladesh (Catling, Alam and Miah), 277
Inter-cropping, use of a systematic spacing design as a study aid (Huxley and Maingu), 49
Internal Brown Spot disease, incidence of in White Lisbon yams (*Dioscorea alata*) during storage (Mantell and Haque), 167
Introduction à la micrométéorologie, by A. Poggi, reviewed by J. A. Clark, 96
Introduction to the botany of tropical crops, An, by L. S. Cobley, reviewed by E. E. Cheesman, 95

Leaf water potentials and light transmission of intercropped sorghum and soyabeans (Wahua and Miller), 373
Leucaena, promising forage and tree crop for the tropics (US National Academy of Sciences), reviewed by A. V. Bogdan, 400

Maize and cowpea, neighbour effects at various levels of N and P (Remison), 205
Maize and cowpea, water use in, effects of no-tillage and ploughing on efficiency of (Lal, Maurya and Osei-Yeboah), 113
Maize, sugarcane intercropping with (Pillay and Mamet), 161
Manihot esculenta, *see* Cassava
Manual of Ghana grasses, A, by R. Rose Innes, reviewed by A. V. Bogdan, 179
Melon (*Citrillus lanatus*), effects of nitrogen on (Ogunremi), 357
Mixed cropping in Northern Nigeria. I. Cereals and groundnuts (Baker), 293

N and P, and neighbour effects between maize and cowpea (Remison), 205
N, P and K, effects of on yield of onion in the Sudan Gezira (Hassan and Ayoubt), 29
N, population and age, effects of on sunflower grown for silage (van Arkel), 325
Neutron probe, used to measure evapotranspiration on Sudan Gezira vertisols (Fadl), 341
Nitrate reductase assays in field-grown cotton leaves, effects of environment on (Bate, Meakin and Oosterhuis), 317
Nitrogen, effects of on melon (*Citrillus lanatus*) at Ibadan, Nigeria (Ogunremi), 357
Nitrogen and plant population, response of rainfed popcorn (*Zea mays* Everta) (Singh, Sood and Modgal), 395
No-tillage and ploughing, effects of on efficiency of water use in maize and cowpea (Lal, Maurya and Osei-Yeboah), 113

Oil palm, The, by C. W. S. Hartley, reviewed by P. B. Tinker, 399

Okra, effects of alar on growth, flowering and yield (Godfrey-Sam-Aggrey and Ndoleh), 121
Onion bulb hardness, use of durometer to assess (Fennell), 269
Onion in the Sudan Gezira, effects of N, P and K on yield (Hassan and Ayoub), 29
Oryza sativa, *see* Rice

P and K nutrition of rice (*Oryza sativa*) in the Sudan Kenana (Ageeb and Yousif), 33
Papua New Guinea, *see* 'Inheritance of cowpea yields . . .' (Erskine and Khan), 23
Parthenium hysterophorus, edible protein from (Savangikar and Joshi), 93
Phaseolus vulgaris, *see* Beans
Phenotypic variation in local sorghums in the Sudan Nuba mountains (Yassin), 181
Photosynthesis of four *Hevea brasiliensis* clonal seedlings (Samsuddin and Impens), 337
Pineapple cv Mauritius grown in Malaysian peat, influence of beta-hydroxyethylhydrazine on (Chew and Abdul Malek), 157
Plant growth regulation, ed. by P. G. Pilet, reviewed by H. W. B. Barlow, 290
Plant population, effects of on sole-crop cassava in Sierra Leone (Godfrey-Sam-Aggrey), 239
Plant root systems: their function and interaction with the soil, by R. Scott Russell, reviewed by C. C. Webster, 291
Pollination mechanisms, reproduction and plant breeding, by R. Frankel and E. Galun, reviewed by N. W. Simmonds, 95
Pop corn (*Zea mays* Everta), rainfed, response to nitrogen and plant population (Singh, Sood and Modgal), 395
Properties and management of soils in the tropics, by Pedro A. Sanchez, reviewed by C. C. Webster, 96
Protein, edible, from *Parthenium hysterophorus* (Savangikar and Joshi), 93

Reassessment of maximum growth rates for C_3 and C_4 crops (Monteith), 1
Rhizobium inoculation of beans (*Phaseolus vulgaris*) using the fluid drill technique (Hardaker and Hardwick), 17
Rice, assessing losses in due to insects and diseases in Bangladesh (Catling, Alam and Miah), 277
Rice (*Oryza sativa*) in the Sudan Kenana, P and K nutrition of (Ageeb and Yousif), 33

Saudi Arabia, *see* 'Hasawi alfalfa . . .' (Al-Noaim, Davies and Farnworth), 57
Short-day treatments, effects of on second crop summer-fruiting strawberries (Tafazoli and Shaybany), 217
Soil-applied micronutrients, influence on cassava (*Manihot esculenta*) in Malaysian tropical oligotrophic peat (Chew, Joseph and Ramli), 105
Soil biology and conservation of the biosphere, ed. by by J. Szegi, reviewed by J. M. Lynch, 399
Soil moisture and organic mulches, effects on corn planted in different patterns (Anand Reddy, Bhasker Reddy, Balaswamy and Venkatachari), 389
Soil properties, effects of on sugarcane yield in Sudan (Ibrahim), 273
Soil water retention, cropping sequence and yields of sub-humid rainfed crops (Verma, Prihar, Singh and Singh), 253
Solanum melongena, *see* Eggplant
Sorghum and soyabeans (intercropped), leaf water potentials and light transmission (Wahua and Miller), 373
Sorghum variety tests in the Sudan Central Rainlands, genotype × environment interactions in (Kambal and Mahmoud), 41
Sorghums in the Sudan Nuba mountains, phenotypic variation in (Yassin), 181
South-east England, planting density for grain maize in (Milbourn, Tiley and Carr), 261
Sowing date, effect of on groundnuts in Sudan Gezira (Nur and Gasim), 13
Sowing date, effects of on forage and seed production of 14 varieties of cowpea (*Vigna unguiculata*) (Akinola and Davies), 197
Soyabeans on paddy soils in Brunei, effects of drainage, spacing and fertilizer (Williams), 303
Split-plot design, relative efficiency of the (Abou-El-Fittouh), 65
Stimulating axillary buds in yams (*Dioscorea* spp.) (Okoli), 89
Strawberries (second crop summer-fruiting), effects of short-day treatments on (Tafazoli and Shaybany), 217
Sub-humid rainfed crops, yields of in relation to soil water retention and cropping sequence (Verma, Prihar, Singh and Singh), 253
Sudan Gezira, effects of N, P and K on yield of onion (Hassan and Ayoub), 29
Sudan Gezira, groundnuts, effect of sowing date on (Nur and Gasim), 13
Sudan Kenana, P and K nutrition of rice (*Oryza sativa*) (Ageeb and Yousif), 33
Sugarcane, intercropping with maize (Pillay and Mamet), 161

Sugarcane in the Sudan, effects of irrigating at different soil moisture deficits (Ibrahim), 151
Sugarcane yield in Sudan, effects of soil properties on (Ibrahim), 273
Sunflower grown for silage, effects of population, N and age on (van Arkel), 325
Sunflower seeds, effects of fertilizers on the composition and emergence of (Srivastava), 213
Supplementary irrigation of young clonal tea in Kenya (Othieno). I. Survival, growth and yield, 229; II. Internal water status, 309
Systematic spacing design, use of as an aid to the study of inter-cropping (Huxley and Maingu), 49

Tea, by J. Eden, reviewed by C. C. Webster, 179
Tea (young clonal) in Kenya, supplementary irrigation of (Othieno). I. Survival, growth and yield, 229; II. Internal water status, 309
Temperature-controlled glasshouse for field experimentation in the tropics, a (Squire), 7
Temperatures, air and soil, effects of on colour of eggplant fruits (*Solanum melongena* L.) (Nothmann, Rylski and Spigelman), 189
Tobacco, Malawi dark-fired, effects of fuels and varieties on aroma of (Tanton), 223
Tropical pasture and fodder plants (grasses and legumes), by A. V. Bogdan, reviewed by R. D. Sheldrick, 289
Tropical soils and soil survey, by Anthony Young, reviewed by E. W. Russell, 178
Two-way analysis of variance, handling missing observations (Abou-El-Fittouh and Taha), 381

Uptake and distribution of nutrients by yams (*Dioscorea* spp.) in Western Nigeria (Obigbesan and Agboola), 349

Vegetation and the atmosphere, ed. by J. L. Monteith, reviewed by H. L. Penman, 178
Vetch, genotype, environment and rainfall effects on common varieties in a semi-arid region (Hadjichristodoulou), 81
Vicia sativa, *see* Vetch
Vigna unguiculata, *see* Cowpea

Water use in maize and cowpea, effects of no-tillage and ploughing on (Lal, Maurya and Osei-Yeboah), 113
Water vapour and carbon dioxide diffusion resistances of four *Hevea brasiliensis* clonal seedlings (Samsuddin and Impens), 173
White Lisbon yams (*Dioscorea alata*), incidence of Internal Brown Spot disease in during storage (Mantell and Haque), 167
World food resources: actual and potential, by Michael Allaby, reviewed by J. B. Hutchinson, 291

Yams (*Dioscorea* spp.) in Western Nigeria, uptake and distribution of nutrients by (Obigbesan and Agboola), 349
Yams (*Dioscorea* spp.), stimulating axillary buds in (Okoli), 89

INDEX OF AUTHORS

ABDUL MALEK, M. A., *see* CHEW, W. Y.

ABOU-EL-FITTOUH, H. A., Relative efficiency of the split-plot design, 65

ABOU-EL-FITTOUH, H. A. and TAHA, E. O. Handling missing observations in the two-way analysis of variance with interaction, 381

AGBOOLA, A. A., *see* OBIGBESAN, G. O.

AGEEB, O. A. A. and YOUSIF, Y. H. P and K nutrition of rice (*Oryza sativa*) in the Sudan Kenana, 33

AKINOLA, J. O. and DAVIES, J. H. Effects of sowing date on forage and seed production of 14 varieties of cowpea (*Vigna unguiculata*), 197

ALAM, SHAMSUL, *see* CATLING, H. D.

AL-NOAIM, A. A., DAVIES, G. M. and FARNWORTH, J. A study of Hasawi alfalfa under three irrigation and three cutting regimes in Saudi Arabia, 57

ANAND REDDY, K., BHASKER REDDY, B., BALASWAMY, K. and VENKATACHARI, A. Effects of soil moisture and organic mulches on corn planted in different patterns, 389

VAN ARKEL, H. Effects of population, N and age on sunflower grown for silage, 325

ARUNACHALAM, V. and KATIYAR, R. K. Genetic diversity and breeding potential from disruptive selection in *Brassica campestris* cv Brown Sarson, 73

AUSTIN, R. B. Review of *Environmental effects on crop physiology*, ed. by J. J. Landsberg and C. V. Cutting, 401

AYOUB, A. T., *see* HASSAN, M. S.

BABIKER, A. G. T., *see* HAMDOUN, A. M.

BAINES, C. R. Review of *Field experimentation with fruit trees and other perennial plants*, by S. C. Pearce, 95

BAKER, E. F. I. Mixed cropping in Northern Nigeria. I. Cereals and groundnuts, 293

BALASWAMY, K., *see* ANAND REDDY, K.

BARLOW, H. W. B. Review of *Plant growth regulation*, ed. by P. E. Pilet, 290

BATE, G. C., MEAKIN, M. E. R. and OOSTERHUIS, D. M. Effects of environment on nitrate reductase assays in field-grown cotton leaves, 317

BHASKER REDDY, B., *see* ANAND REDDY, K.

BOGDAN, A. V. Review of *A manual of Ghana grasses*, by R. Rose Innes, 179

BOGDAN, A. V. Review of *Leucaena, promising forage and tree crop for the tropics* (US National Academy of Sciences), 400

CARR, M. K. V., *see* MILBOURN, G. M.

CATLING, H. D., ALAM, SHAMSUL and MIAH, S. A. Assessing losses in rice due to insects and diseases in Bangladesh, 277

CHEESMAN, E. E. Review of *An introduction to the botany of tropical crops*, by L. S. Cobley, 95

CHEW, W. Y. and ABDUL MALEK, M. A. Influence of BOH (beta-hydroxyethylhydrazine) on pineapple cv Mauritius grown in Malaysian peat, 157

CHEW, W. Y., JOSEPH, K. T. and RAMLI, K. Influence of soil-applied micronutrients on cassava (*Manihot esculenta*) in Malaysian tropical oligotrophic peat, 105

CLARK, J. A. Review of *Introduction à la micrométéorologie*, by A. Poggi, 96

COOKE, R. D., HOWLAND, A. K. and HAHN, S. K. Screening cassava for low cyanide using an enzymatic assay, 367

DAVIES, G. M., *see* AL-NOAIM, A. A.

DAVIES, J. H., *see* AKINOLA, J. O.

DEMIAN, T. F. The pull and lift required to remove cotton stalks in the Sudan, 129

ELSTON, J. Review of *Climate, water and agriculture in the tropics*, by J. J. Jackson, 290

ERSKINE, W. and KHAN, T. N. Inheritance of cowpea yields under different soil conditions in Papua New Guinea, 23

FADL, OSMAN A. A. Evapotranspiration measured by a neutron probe on Sudan Gezira vertisols, 341

FARNWORTH, J., *see* AL-NOAIM, A. A.

FENNELL, J. F. M. Use of a durometer to assess onion bulb hardness, 269

GASIM, ALI A. E., *see* NUR, IDRIS M.

GODFREY-SAM-AGGREY, W. and NDOLEH, ALEX S. Effects of alar on growth, flowering and yield of okra, 121

GODFREY-SAM-AGGREY, W. Effects of delayed hand weeding on sole-crop cassava in Sierra Leone, 245

GODFREY-SAM-AGGREY, W. Effects of plant population on sole-crop cassava in Sierra Leone, 239

HADJICHRISTODOULOU, A. Genotype, environment and rainfall effects on common vetch varieties in a semi-arid region, 81
HAHN, S. K., *see* COOKE, R. D.
HAMDOUN, A. M. and BABIKER, A. G. T. Effects of some herbicides on cotton weeds in the Sudan Gezira, 137
HAQUE, S. Q., *see* MANTELL, S. H.
HARDAKER, J. M. and HARDWICK, R. C. A note on Rhizobium inoculation of beans (*Phaseolus vulgaris*) using the fluid drill technique, 17
HARDWICK, R. C., *see* HARDAKER, J. M.
HASSAN, M. S. and AYOUB, A. T. Effects of N, P and K on yield of onion in the Sudan Gezira, 29
HERNANDEZ-BRAVO, G., *see* KUENEMAN, E. A.
HOWLAND, A. K., *see* COOKE, R. D.
HUTCHINSON, J. B. Review of *World food resources: actual and potential*, by Michael Allaby, 291
HUXLEY, P. A. and MAINGU, Z. Use of a systematic spacing design as an aid to the study of inter-cropping: some general considerations, 49

IBRAHIM, HASSAN SULIMAN. Effects of irrigating sugarcane at different soil moisture deficits in the Sudan, 151
IBRAHIM, HASSAN SULIMAN. Effects of soil properties on sugarcane yield in Sudan, 273
IMPENS, IVAN, *see* SAMSUDDIN, ZAHAR

JOSEPH, K. T., *see* CHEW, W. Y.
JOSHI, R. N., *see* SAVANGIKAR, V. A.

KAMBAL, A. E. and MAHMOUD, M. A. Genotype × environment interactions in sorghum variety tests in the Sudan Central Rainlands, 41
KATIYAR, R. K., *see* ARUNACHALAM, V.
KHAN, T. N., *see* ERSKINE, W.
KUENEMAN, E. A., HERNANDEZ-BRAVO, G. and WALLACE, D. H. Effects of growth habits and competition on yields of dry beans (*Phaseolus vulgaris*) in the tropics, 97

LAL, R., MAURYA, P. R. and OSEI-YEBOAH, S. Effects of no-tillage and ploughing on efficiency of water use in maize and cowpea, 113
LYNCH, J. M. Review of *Soil biology and conservation of the biosphere*, by J. Szegi, 399

MAHMOUD, M. A., *see* KAMBAL, A. E.
MAINGU, Z., *see* HUXLEY, P. A.
MAMET, J. R., *see* PILLAY, A. R.
MANTELL, S. H. and HAQUE, S. Q. Incidence of Internal Brown Spot disease in White Lisbon yams (*Dioscorea alata*) during storage, 167
MAURYA, P. R., *see* LAL, R.
MEAKIN, M. E. R., *see* BATE, G. C.
MIAH, S. A., *see* CATLING, H. D.
MILBOURN, G. M., TILEY, G. E. D. and CARR, M. K. V. Planting density for grain maize in south-east England, 261
MILLER, D. A., *see* WAHUA, T. A. T.
MONTEITH, J. L. Reassessment of maximum growth rates for C_3 and C_4 crops, 1

NDOLEH, ALEX S., *see* GODFREY-SAM-AGGREY, W.
NOTHMANN, J., RYLSKI, IRENA and SPIGELMAN, M. Effects of air and soil temperatures on colour of eggplant fruits (*Solanum melongena* L.), 189
NUR, IDRIS M. and GASIM, ALI A. E. Effect of sowing date on groundnuts in Sudan Gezira, 13
NWOKE, F. I. O. and OKONKWO, S. N. C. Effects of periodic removal of mother tubers on yield of *Dioscorea rotundata*, 145

OBIGBESAN, G. O. and AGBOOLA, A. A. Uptake and distribution of nutrients by yams (*Dioscorea* spp.) in Western Nigeria, 349
OGUNREMI, E. A. Effects of nitrogen on melon (*Citrillus lanatus*) at Ibadan, Nigeria, 357
OKOLI, O. O. Stimulating axillary buds in yam (*Dioscorea* spp.), 89
OKONKWO, S. N. C., *see* NWOKE, F. I. O.
OOSTERHUIS, D. M., *see* BATE, G. C.
OSEI-YEBOAH, S., *see* LAL, R.
OTHIENO, C. O. Supplementary irrigation of young clonal tea in Kenya. I. Survival, growth and yield, 229; II. Internal water status, 309

PENMAN, H. L. Review of *Vegetation and the atmosphere*, ed. by J. L. Monteith, 178
PILLAY, A. R. and MAMET, J. R. Intercropping sugarcane with maize, 161
PRIHAR, S. S., *see* VERMA, H. N.
PURSEGLOVE, J. W. Review of *Food crops of the lowland tropics*, ed. by C. L. A. Leakey and J. B. Wills, 179

RAMLI, K., *see* CHEW, W. Y.
REMISON, S. U. Neighbour effects between maize and cowpea at various levels of N and P, 205
RUSSELL, E. W. Review of *Aerial photography and remote sensing for soil survey*, by L. P. White, 400
RUSSELL, E. W. Review of *Tropical soils and soil survey*, by Anthony Young, 178
RYLSKI, IRENA, *see* NOTHMANN, J.

SAMSUDDIN, ZAHAR and IMPENS, IVAN. Comparative net photosynthesis of four *Hevea brasiliensis* clonal seedlings, 337
SAMSUDDIN, ZAHAR and IMPENS, IVAN. Water vapour and carbon dioxide diffusion resistances of four *Hevea brasiliensis* clonal seedlings, 173
SAVANGIKAR, V. A. and JOSHI, R. N. Edible protein from *Parthenium hysterophorus*, 93
SHAYBANY, B., *see* TAFAZOLI, E.
SHELDRICK, R. D. Review of *Tropical pasture and fodder plants (grasses and legumes)*, by A. V. Bogdan, 289
SIMMONDS, N. W. Review of *Incompatibility in angiosperms*, by D. de Nettancourt, 290
SIMMONDS, N. W. Review of *Pollination mechanisms, reproduction and plant breeding*, by R. Frankel and E. Galun, 95
SINGH, NATHU, *see* VERMA, H. N.
SINGH, RANJODH, *see* VERMA, H. N.
SPIGELMAN, M., *see* NOTHMANN, J.
SQUIRE, G. R. A simple temperature-controlled glasshouse for field experimentation in the tropics, 7
SRIVASTAVA, ASHWANI K. Effects of fertilizers on the composition and emergence of sunflower seeds, 213

TAFAZOLI, E. and SHAYBANY, B. Effects of short-day treatments on second crop summer-fruiting strawberries, 217
TAHA, E. O., *see* ABOU-EL-FITTOUH, H. A.
TANTON, T. W. Effects of fuels and varieties on aroma of Malawi dark-fired tobacco, 223
TILEY, G. E. D., *see* MILBOURN, G. M.
TINKER, P. B. Review of *The oil palm*, by C. W. S. Hartley, 399

VENKATACHARI, A., *see* ANAND REDDY, K.
VERMA, H. N., PRIHAR, S. S., SINGH, RANJODH and SINGH, NATHU. Yields of sub-humid rainfed crops in relation to soil water retention and cropping sequence, 253

WAHUA, T. A. T. and MILLER, D. A. Leaf water potentials and light transmission of intercropped sorghum and soyabeans, 373
WALLACE, D. H., *see* KUENEMAN, E. A.
WEBSTER, C. C. Review of *Farming systems of the tropics*, by Hans Ruthenberg, 96
WEBSTER, C. C. Review of *Plant root systems: their function and interaction with the soil*, by R. Scott Russell, 291
WEBSTER, C. C. Review of *Properties and management of soils in the tropics*, by Pedro A. Sanchez, 96
WEBSTER, C. C. Review of *Tea*, by T. Eden, 179
WHITTINGHAM, C. P. Review of *Ecotoxicologie*, by F. Ramade, 289
WILLIAMS, C. N. Effects of drainage, spacing and fertilizer on soyabeans in paddy soils in Brunei, 303
WILLIAMS, C. N. Fertilizer responses of cucumbers on peat in Brunei, 299

YASSIN, T. E. Phenotypic variation in local sorghums in the Sudan Nuba mountains, 181
YOUSIF, Y. H., *see* AGEEB, O. A. A.